

FIG. 1

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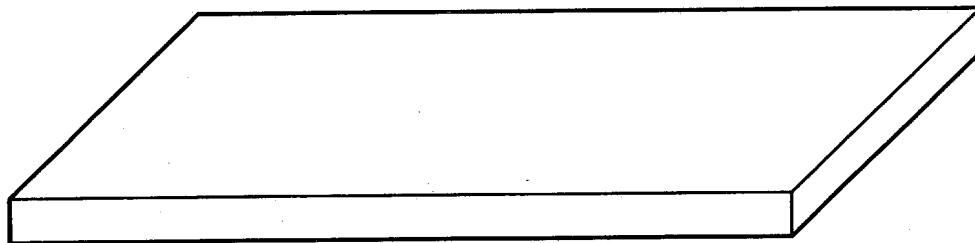


FIG. 2

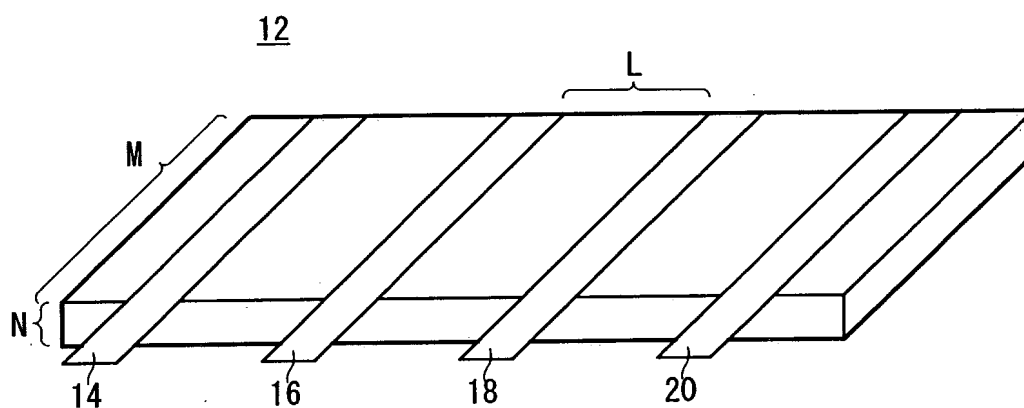


FIG. 3

	MOLE NUMBER OF PHOSPHORIC ACID PER REPEATING UNIT OF PBI IN MEMBRANE	MOLE NUMBER OF IMIDAZOLE PER GRAM OF PBI (mol/g)	PROTON CONDUCTIVITY (S/m)	RATIO OF IMPROVEMENT IN PROTON CONDUCTIVITY (%)
COMPARATIVE EXAMPLE	12.9	0	0.100	—
EXAMPLE 1	12.7	0.00012	0.127	27
EXAMPLE 2	12.9	0.00025	0.133	33
EXAMPLE 3	12.9	0.00051	0.113	13